INFORMATION REPORT INFORMATION REPORT

CENTRAL INTELLIGENCE AGENCY

C-O-N-F-I-D-E-N-T-I-A-L

25X1

COUNTRY	Bulgaria	REPORT	
SUBJECT	Georgiy Kirkov Boiler Construction Plant in Sofia	DATE DISTR.	21 February 1955
		NO. OF PAGES	7
DATE OF INFO.		REQUIREMENT NO.	RD
PLACE ACQUIRED		REFERENCES	25X1
DATE ACQUIRED			

SOURCE EVALUATIONS ARE DEFINITIVE. APPRAISAL OF CONTENT IS TENTATIVE.

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USAF review completed.

25 YEAR RE-REVIEW

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STATE #	X	ARMY #	X	NAVY #	X	AIR #	X	FBI #	X	AEC					

(Note: Washington distribution indicated by "X"; Field distribution by "#".)

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REPORT

COUNTRY Bulgaria

DATE DISTR. 25 Jan. 1955

SUBJECT Georgiy Kirkhov Boiler Construction Plant in Sofia

NO. OF PAGES 6

DATE OF INFORMATION

REFERENCES:

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THIS IS UNEVALUATED INFORMATION

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Identification Data

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1. See page 4 , Sofia, showing the location of :

   1. The approximate site of the boiler construction plant, Georgiy Kirkhov (not shown on the mosaic).
   2. The approximate site of the Stalin Thermo-Power plant (not shown on the mosaic).[1]
   3. A single-track railroad.
   4. A road plotted for orientation purposes.
   5. A road which led to the boiler construction plant (Point 1).
   6. A single-track rail line, (no further information).

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Plant Layout

2. See page 5 sketch of the plant interior:

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   A. Blacksmith section where steel plates were shaped.
   B. Raw material section, a storage for steel plates for tanks and boilers, various-diameter piping, and steel construction rods for tank and boiler interiors.

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25 YEAR RE-REVIEW

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C. Two overhead traveling cranes, with a five-ton lifting capacity, supported on interior concrete columns.

D. Plant floor space. Wooden cubes covered an area of 300 sq.m. Various types of machine tools were dispersed throughout the shop.

E. A ten-ton overhead traveling crane which lifted finished products within the storage section (Point H).

F. The accounting and filing section of the plant.

G. The plant administrative section.

H. The storage section for finished products.

I. A railroad spur which led along the west side of the plant. Raw material arrived on this spur and finished products were shipped out on this spur.

Plant History and Administration

3. The Georgiy Kirkhov Boiler Construction Plant was built about 1948, and was under the control of the Ministry of Heavy Industry. 25X1
25X1 the Bulgarian name of the plant was "Kotlo Stroitelen Zavod". This plant was the largest boiler plant in Bulgaria and supplied all industries.

Construction Details

4. The plant consisted of one, large, reinforced concrete building, approximately 120 m x 25 m x 15 m. It had a barrel vault and a trussed-arch, concrete shell roof. See page 6 for 25X1 sketch of a cross-sectional view of the plant building.

Production

5. This plant produced various types of steel heating boilers for industrial and housing purposes. The volume of the boilers ranged from 32 to 150 cu. m. with pressures ranging from 0.1 to 8 atmospheres (exact). Other boilers produced were steam boilers which produced up to 30 tn. of steam per hour at a maximum pressure of 30 atmospheres (approximate); all boilers were welded by electrodes. The plant also made tank containers for milk, benzine, oil, water, and other fluids.

Raw Material

6. Steel plates, rods, and pipes were mainly imported from the USSR but were always in short supply. Deliveries were erratic and did not keep up with the plant's needs; however, this was a chronic situation and one which affected all Bulgarian industries which depended on Soviet raw materials. Plant norms were rarely met as a result of this condition.

Source of Power

7. Electric power came from the adjacent Stalin Thermo-power plant (Point 2 page 4) which was constructed in 1947-1948 and is not shown on available mosaic coverage of this area. 25X1

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Machinery and Equipment

8. [redacted] horizontal milling machines, vertical borers, horizontal lathes, slotting machines, and rolling mills dispersed throughout plant (types, details, numbers unknown). The plant had an internal piping system which supplied acetylene gas to all welding apparatuses throughout the shops. Three overhead traveling cranes, two 5-ton and one 10-ton, shifted metal parts around the plant area. 25X1

Technical Staff and Labor Force

9. The technical director of the plant was Tobov (fnu) [redacted] 25X1

The plant technical and administrative staff consisted of approximately 30 persons. About 350 employees worked there in three eight-hour shifts. The plant operated six days each week but, because of insufficient electrical power supply, was often compelled to reduce its operation to five, and sometimes four, days a week. [redacted] 25X1

Wages

10. The approximate wages received each month by the following categories of employees were:

a. Mechanical engineer: 700 leva.
b. Machine tool operator: 700-900 leva.
c. Administrative worker: 500-600 leva.
d. Hard laborer: 1,000 leva (maximum)

11. Wages fluctuated according to the norms and bonuses. Workers received 14 paid-vacation days each year.

[redacted] 25X1

[redacted] 25X1

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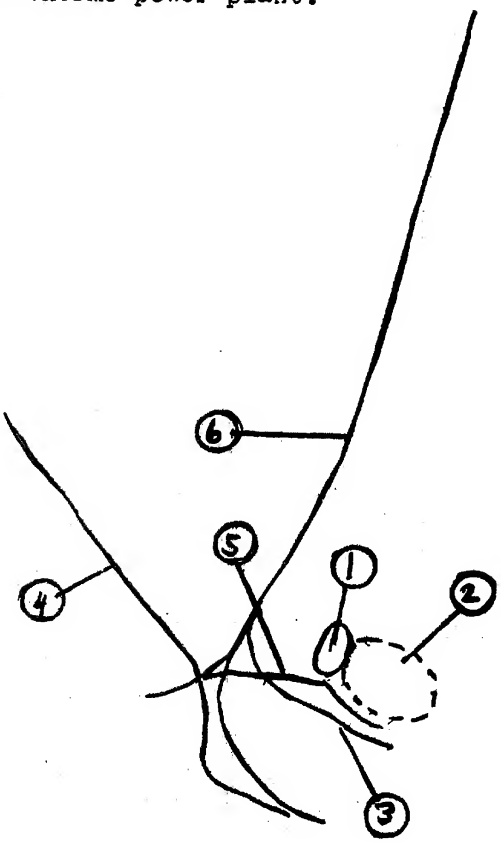
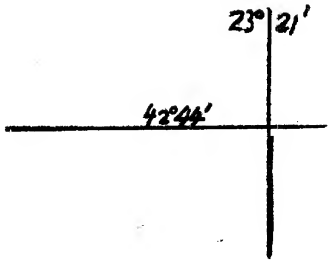
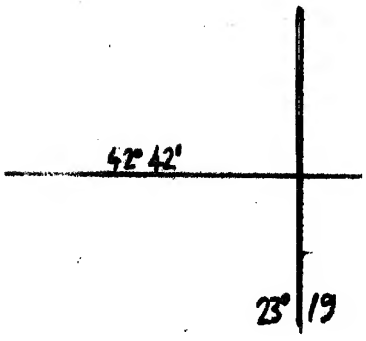
Sofia, pinpoint location of the boiler construction plant and the thermo-power plant.







[redacted] sketch of the Georgiy Kirkhov Boiler Plant. 25X1

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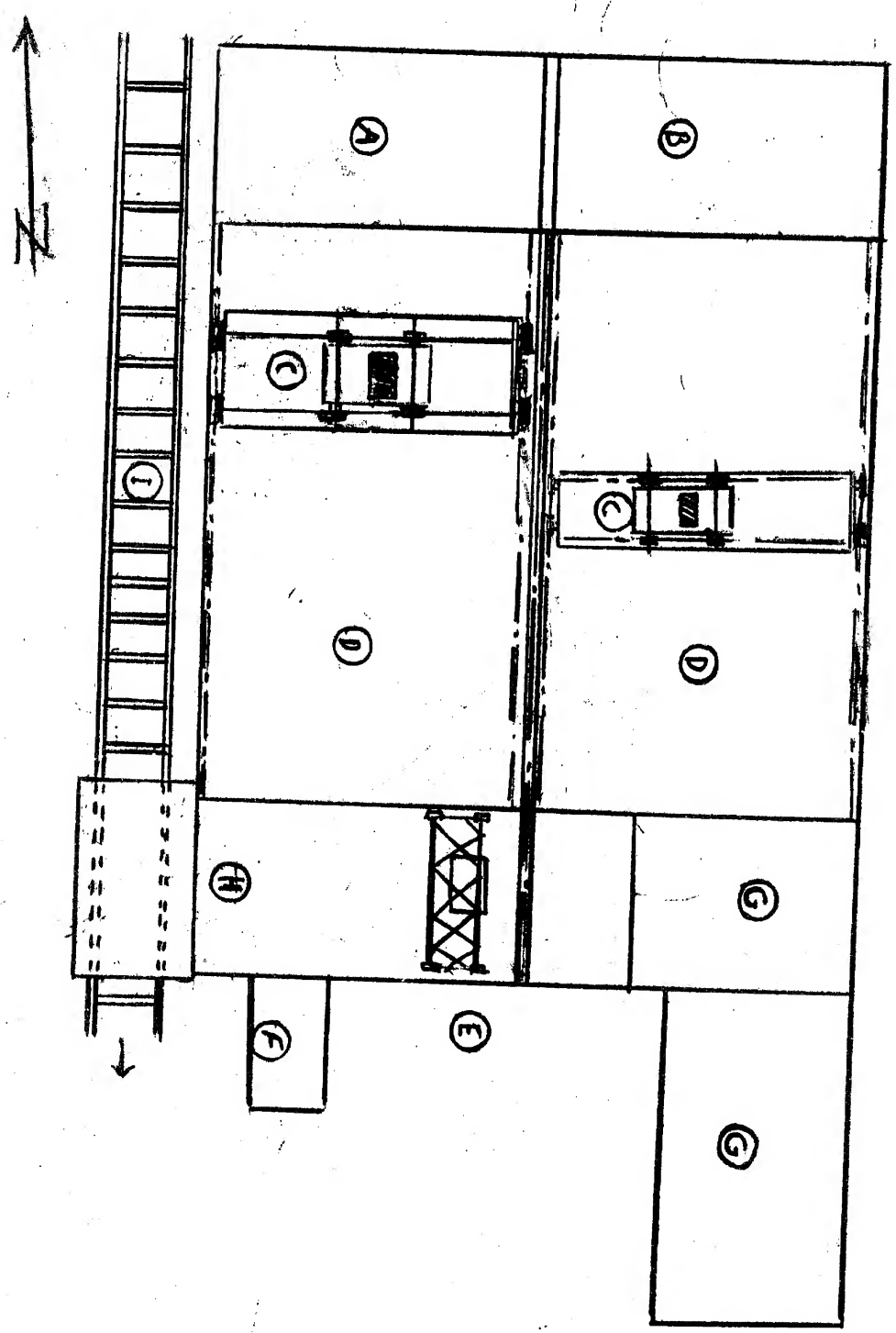

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[redacted] sketch of the cross-sectional view of the Georgiy Kirkhov Boiler Plant.